

Claims

1) A veterinary syringe, comprising a base body (2), on the front side of which a syringe barrel (5) receiving the medicament is arranged while a guiding element (10) for a plunger rod (7) that is guided therein so as to be movable in a longitudinal direction is arranged on the rear side thereof, and one end of said plunger rod (7), to which a plunger (8) is attached, extends into the syringe barrel (5), said syringe further comprising a handle (4) for holding the syringe (1), an operating lever (13), one end (14) of which is pivotably attached to the lower part (15) of the handle (4) while the other end (16) thereof is guided within the bottom side (3) of the guiding element (10) and engages with a toothed rack (11) via a spring-biased catch (12), said toothed rack (11) being disposed on the bottom side of the plunger rod (7), and a locking device (27) for the plunger rod (7) which engages with the toothed rack (11) is provided as a locking slider (29) disposed inside the guiding element (10) so as to be movable in a vertical direction at the end thereof, is provided with an opening (32) through which the plunger rod (7) is guided and extends into the toothed rack (11) from below, locking said toothed rack (11) so as to prevent it from withdrawing, wherein said locking slider (29) can be moved from the locked position into a released position for the toothed rack (11) and can be maintained in said released position by means of an actuator, characterized by the locking slider (29) being extended so as to protrude out of the bottom of the guiding element (10) toward the operating lever (13), said extension comprising a bore (33), by a locking pin (34) being provided on the operating lever (13), which is arranged parallel to the plunger rod (7), and by the locking pin (34) extending into the bore (33), in the resting position of the operating lever (13), when the locking slider (29) is pressed down through the guiding element (10) all the way to the locking pin (34) against the force of a spring (31).

2) Veterinary syringe according to claim 1, characterized in that the locking slider (29) is made of a resilient material.

3) Veterinary syringe according to claim 1, characterized in that the locking pin (34) is maintained in the operating lever (13) in a lengthwise displaceable manner along its axial direction under the pressure of a spring.

4) Veterinary syringe according to claim 1, characterized in that the locking slider (29) has its upper end attached to a push-button (30), which is supported in the guiding element (10) and vertically movable against the pressure of a spring.

